

Gregor, Margaret

From: Gregor, Margaret
Sent: Tuesday, June 09, 2015 12:20 PM
To: 'robert.cozzy@dec.ny.gov'; 'jane.oconnell@dec.ny.gov'; Stephanie L Selmer (stephanie.selmer@health.ny.gov); Deming, Justin (HEALTH)
Cc: wilson.ericj@epa.gov
Subject: EPA Columbia Smelting/Red Hook Ball Fields - April 2015 Sampling Results
Attachments: EPA Columbia Smelting April 2015 Data.zip

Good afternoon,

We received the validated results for EPA's April 2015 soil sampling event at the Columbia Smelting & Refining Works Site/Red Hook Park in Brooklyn. The sampling was to delineate the remaining areas with contamination that could potentially be smelter-related, specifically the athletic fields downwind of the block which includes the historic smelter footprint. Please find attached a zip file containing the following:

- Original lab files (the complete data set)
- Sampling Location Map for the April 2015 event with the lead results from March & April above 1,200 ppm
- Sampling Location Map of all areas sampled between 2014 and 2015
- April 2015 results spreadsheet which includes filters, formatting and a summary tables in the last few tabs, to make the data easier to review.

Overall, just over half (52%) of the samples contain lead above the EPA Removal Management Level (RML) of 400 ppm, but the averaged lead detections per depth are lower than those found at Ball Fields #5 through #8 (the block with the smelter footprint). Eleven percent of lead detections (24 of 225) exceed 1,200 ppm. Several other metals were found above the respective EPA RMLs, and with the exception of cadmium, most were detected in the deeper sampling intervals.

We have not yet determined whether the elevated contaminant detections are related to the historic smelter, and the data are still being reviewed by EPA's risk assessor. We have shared the data with NYC Parks, Health and Law, and hope to have recommendations to share with the NYC agencies within the next week or so. Once the next steps are determined, we will also be scheduling a second public meeting, hopefully for late June or early July.

We'll keep you posted on the next steps, and feel free to get in touch with questions anytime.

Best regards,

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